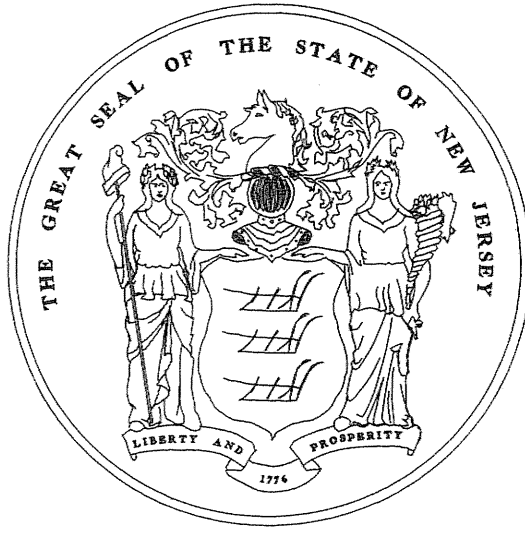
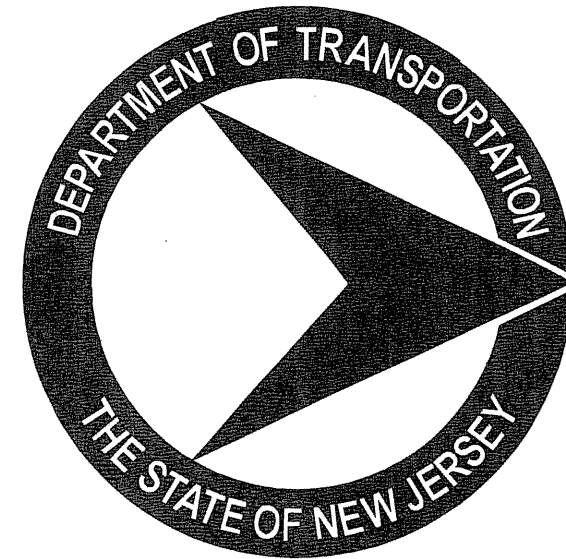


UTILITIES
PUBLIC SERVICE ELECTRIC & GAS (GAS MAINS)
PUBLIC SERVICE ELECTRIC & GAS (POLE LINE, CONDUIT)
VERIZON - NEW JERSEY, INC. (TELEPHONE)
UNITED WATER NEW JERSEY (WATER MAINS)
BOROUGH OF ENGLEWOOD CLIFFS, DPW (SANITARY SEWER)
NEW JERSEY DEPARTMENT OF TRANSPORTATION (TRAFFIC SIGNALS AND HIGHWAY LIGHTING)
TIME WARNER CABLE (CABLE TV)

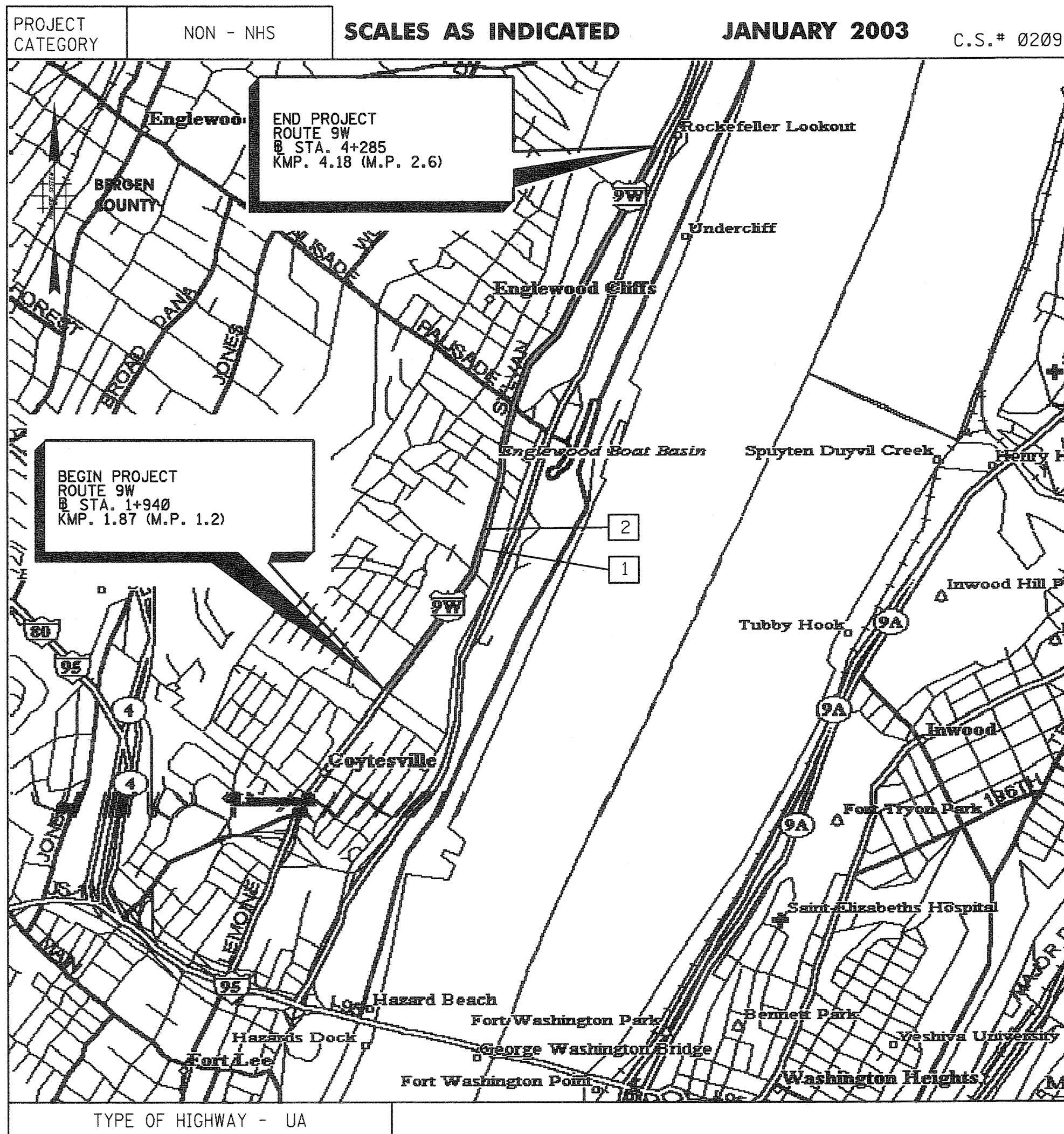


State of New Jersey Department of Transportation

PLANS OF
ROUTE 9W SECTION 1J
FROM VAN NOSTRAND AVENUE TO NORTH OF DEMAREST AVENUE
CONTRACT NUMBER: 111960195
ROADWAY WIDENING



BOROUGH OF ENGLEWOOD CLIFFS BERGEN COUNTY



KEY MAP

1000 500 0 1000
SCALE IN METERS

TOTAL LENGTH OF PROJECT = 2 345.00 METERS

2001 STANDARD SPECIFICATIONS (METRIC)
FOR ROAD AND BRIDGE CONSTRUCTION TO GOVERN

INDEX OF SHEETS	
SHEET NUMBERS	DESCRIPTION
1	KEY
2-4	ESTIMATE - DISTRIBUTION OF QUANTITIES
5-6	TYPICAL SECTIONS
7	PLAN SHEET INDEX
8-20	CONSTRUCTION PLANS
21-24	ENVIRONMENTAL PLANS
25-28	PROFILES
29-33	TIES
34-42	GRADES
43-47	TRAFFIC CONTROL AND STAGING PLANS
48-58	ELECTRICAL PLANS
59-71	TRAFFIC STRIPING AND SIGNING PLANS
72	METHOD OF CROSS SECTIONS
73-115	CROSS SECTIONS
116-126	DRIVEWAY PROFILES
127-128	CONSTRUCTION DETAILS
129	KEY PLAN TO STRUCTURES
130	ESTIMATE OF QUANTITIES - BRIDGE
131-138	STRUCTURAL PLANS

STANDARD ROADWAY CONSTRUCTION - TRAFFIC CONTROL - BRIDGE CONSTRUCTION DETAILS BOOKLET, 2001 METRIC UNITS, AND STANDARD ELECTRICAL DETAILS BOOKLET, 2001 METRIC UNITS, ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

PREPARED BY: G. MENZEL
REVIEWED BY: A. GHATTAS
DRAWN BY: A. LISCIANDRELLO

DESIGN TRAFFIC DATA		
A.D.T. (1998) - 2 WAY	=	31 295 VPD
A.D.T. (2018) - 2 WAY	=	38 190 VPD
D.H.V. (2018) - 2 WAY	=	5 080 VPH
D (2018) DIRECTIONAL DISTRIBUTION	=	53%
T (2018) HEAVY TRUCKS	=	8%
V (DESIGN SPEED)	=	60 K.P.H.

CHANGES MADE TO THESE PLANS SINCE SIGNATURE BY THE CONSULTANT MAY BE DETERMINED BY COMPARISON OF THE PLANS FILED AT THE DEPARTMENT WITH THOSE FILED AT THE OFFICE OF THE CONSULTANT.

LICHTENSTEIN CONSULTING ENGINEERS, INC.
RONALD GIAMARIO
N.J.P.E. LIC. NO. 31556

Submitted by *Phil W. Clift*
Director, Division of Project Management
Approved by *Phil W. Danner*
State Transportation Engineer

12-12
Date
12/12
Date

FILE NAME: c:\1907\cadd\1907key1.dgn
DATE: 10 DEC 2002
USERNAME: gmenzel